

What is Claimed is:

1. A method for controlling a flow rate of ventilating air in an air conditioner, comprising the steps of:

supplying outdoor air drawn through an air supply duct to a room at a first flow rate;
and

discharging room air drawn through an air discharge duct to an outside of the room at a second flow rate higher than the first flow rate.

2. The method as claimed in claim 1, wherein the steps of supplying and discharging are carried out at the same time.

3. The method as claimed in claim 1, wherein the first flow rate varies with time.

4. The method as claimed in claim 1, wherein the second flow rate varies with time.

5. The method as claimed in claim 3, wherein the second flow rate varies with time.

6. The method as claimed in claim 5, wherein the first and second flow rates vary in a cycle.

7. The method as claimed in claim 6, wherein the first and second flow rates vary many times even in the cycle.

8. The method as claimed in claim 5, wherein the first and second flow rates vary

with rotation speeds of fans respectively mounted on the supply duct and the discharge duct.

9. The method as claimed in claim 5, wherein the supply step and the discharge step are carried out at the same time.

10. The method as claimed in claim 9, wherein the first and second flow rates vary in the same cycle.

11. The method as claimed in claim 10, wherein the first and second flow rates have a fixed difference, always.

12. The method as claimed in claim 1, further comprising the step of heat exchanging between the outdoor air and the room air flowing in the air supply duct and the air discharge duct, respectively.

13. The method as claimed in claim 1, further comprising the step of heat exchanging the outdoor air passed through the air supply duct at the indoor heat exchanger in the air conditioner.

14. The method as claimed in claim 12, further comprising the step of heat exchanging the outdoor air passed through the air supply duct at the indoor heat exchanger in the air conditioner.

15. A method for controlling a flow rate of ventilating air in an air conditioner,

comprising the steps of:

an indoor unit drawing and discharging room air, to cool or heat a room;
stopping the indoor unit after a preset time period is passed;
supplying outdoor air drawn through an air supply duct to the room at a first flow rate
in a state the indoor unit is stopped; and
discharging room air drawn through an air discharge duct to an outside of the room at
a second flow rate higher than the first flow rate in the state the indoor unit is stopped.

16. The method as claimed in claim 15, wherein the steps of supplying and discharging are carried out at the same time, and the first and second flow rates vary with time.

17. The method as claimed in claim 16, wherein the first and second flow rates have a fixed difference, always.

18. The method as claimed in claim 15, further comprising the step of heat exchanging between the outdoor air and the room air flowing in the air supply duct and the air discharge duct, respectively.

19. The method as claimed in claim 15, further comprising the step of heat exchanging the outdoor air passed through the air supply duct at the indoor heat exchanger in the air conditioner.

20. A method for controlling a flow rate of ventilating air in an air conditioner, comprising the steps of:

an indoor unit drawing and discharging room air, to cool or heat a room;
supplying outdoor air drawn through an air supply duct to the room at a first flow rate
in a state the indoor unit is in operation; and
discharging room air drawn through an air discharge duct to an outside of the room at
a second flow rate higher than the first flow rate in the state the indoor unit is in operation.

21. The method as claimed in claim 20, wherein the steps of supplying and discharging are carried out at the same time, and the first and second flow rates vary with time.

22. The method as claimed in claim 21, wherein the first and second flow rates have a fixed difference, always.

23. The method as claimed in claim 20, further comprising the step of heat exchanging between the outdoor air and the room air flowing in the air supply duct and the air discharge duct, respectively.

24. The method as claimed in claim 20, further comprising the step of heat exchanging the outdoor air passed through the air supply duct at the indoor heat exchanger in the air conditioner.

25. A method for controlling a flow rate of ventilating air in an air conditioner, comprising the steps of:

supplying outdoor air drawn to a room at a first flow rate by rotating an air supply fan mounted on an air supply duct at a first rotation speed; and

discharging room air to an outside of the room at a second flow rate higher than the first flow rate by rotating an air discharge fan mounted on an air discharge duct at a second rotation speed higher than the first rotation speed.